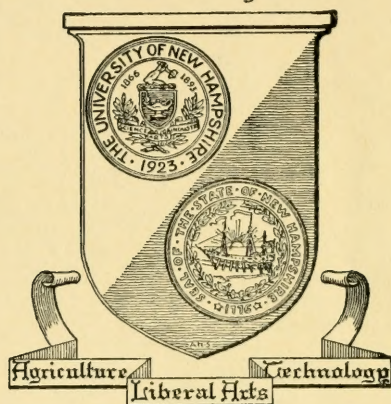
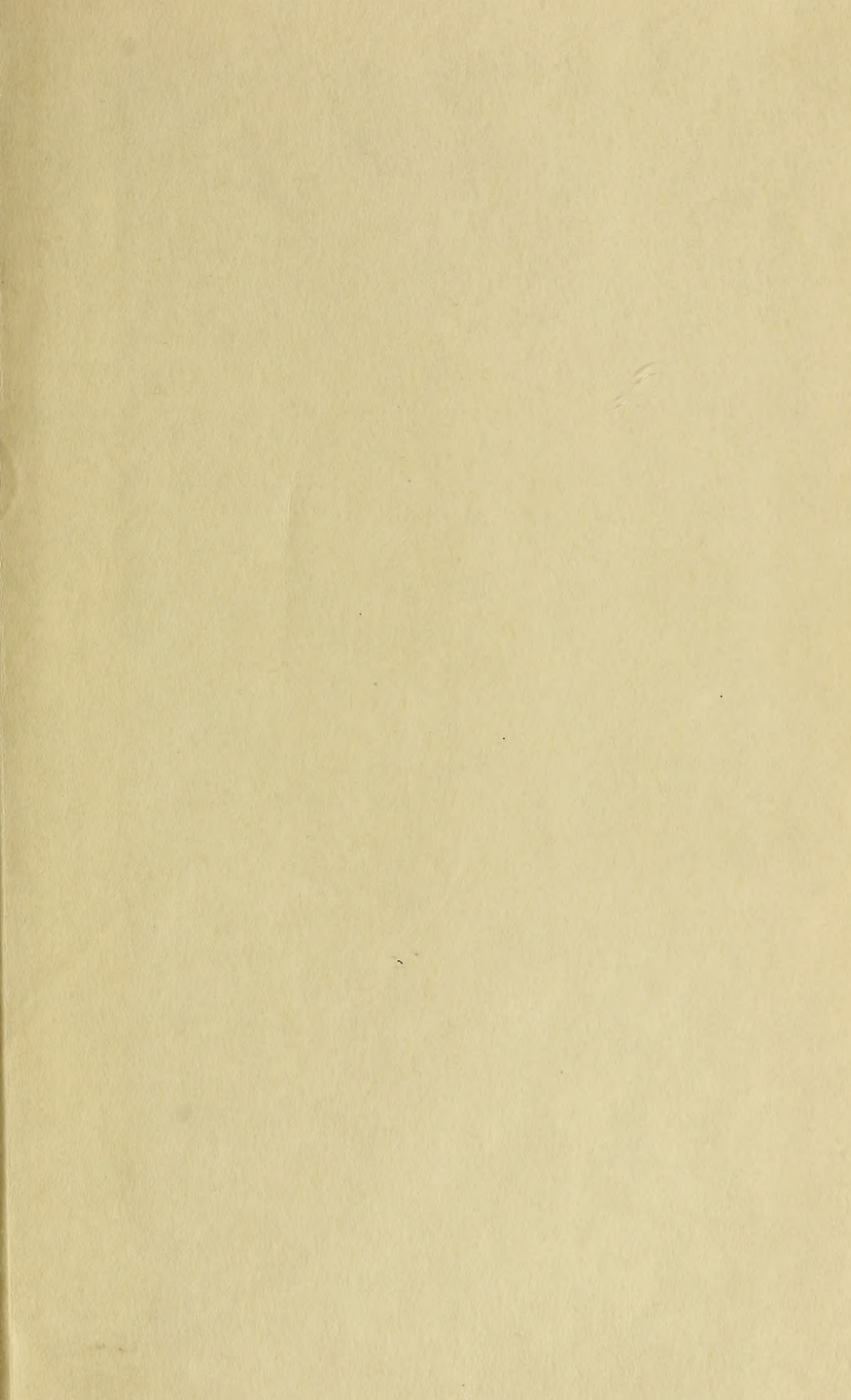


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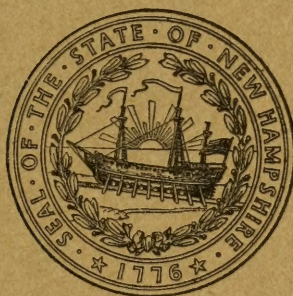
The University
of
New Hampshire



**NEW HAMPSHIRE
AGRICULTURAL EXPERIMENT STATION**

Results of Seed Tests for 1941

**MADE FOR THE
STATE DEPARTMENT OF AGRICULTURE**



By BESSIE G. SANBORN

**THE UNIVERSITY OF NEW HAMPSHIRE
DURHAM, N. H.**

RESULTS OF SEED TESTS

Made July 1, 1940, to June 30, 1941

This report contains the results of the inspection for the State Department of Agriculture of four hundred and sixteen official samples collected throughout the State during the period from July 1, 1940, to June 30, 1941. Each of these samples was analyzed and the results were mailed to the retail dealers concerned. In addition to these official samples, one hundred and fifty-eight private samples were analyzed, making a total of five hundred and seventy-four samples inspected.*

Comparison of Seeds for Ten Years

	<i>Number of Samples Tested</i>	<i>Below in Purity Number</i>	<i>Per Cent</i>	<i>Below in Germination Number</i>	<i>Per cent</i>
1932	357	23	6.4	46	12.8
1933	384	30	7.8	37	9.6
1934	412	22	5.3	62	15.0
1935	391	28	7.1	74	18.9
1936	430	34	7.9	84	19.5
1937	439	31	7.0	70	15.9
1938	392	60	15.0	75	19.1
1939	426	32	7.5	100	23.5
1940	408	33	8.0	66	16.1
1941	416	29	6.9	46	11.0

FREE TESTING OF SEEDS

Because of the increasingly large number of "private samples" sent to the laboratory for testing during recent years and because there are no specific funds or appropriations available to finance this particular type of service, we have been forced to put some limit on free testing for individuals and organizations.

For the present, the Seed Testing Laboratory will allow six free tests, in a given year, to any resident organization or citizen of New Hampshire. These seeds must be received in the laboratory during the months of *January* or *February*. This number of samples, not including mixtures, may be analyzed either for purity or for germination, or three samples for both purity and germination, free of charge. For numbers in excess of six, a charge will be made for labor and consumable supplies only, the cost depending on the type of sample, according to the following schedule:

Germination tests of all crop seeds, including timothy grass, clovers and alfalfa, 25 cents each;

Germination tests of all grasses except timothy, 50 cents each;

Germination tests of mixtures, 25 cents for each kind of seed present.

*Miss Beatrice Sanborn and Miss Florence Bauckman assisted with the purity and germination tests herein reported. For their services the writer wishes to express grateful acknowledgment.

Purity analyses of cereals, like corn and oats, 50 cents each; and of timothy grass, 75 cents each;

Purity analyses of all other kinds of crop seeds, except grasses, 75 cents each;

Purity analyses of the smaller grass seeds and of all mixtures of not more than two kinds of agricultural seeds, \$1.00 each;

All purity analyses of special mixtures, including those for lawn and pasture seeding, a charge sufficient to cover the actual cost of working the sample submitted for test, minimum charge of \$1.25.

On account of "official" work, which begins in earnest the first of March and taxes all our resources, private samples either for free testing or otherwise cannot be handled later than February.

Samples of seed to be tested should be drawn in such a way as to be representative of the bulk lot from which they are taken, and should be addressed to the State Seed Testing Laboratory, Nesmith Hall, Durham, New Hampshire. Directions for sampling may be obtained from the laboratory on request. Fees must be received before laboratory reports will be sent out. A given seed company will be entitled to six private tests without charge, not six from each branch store. Such private tests cannot be declared as state "official tests" unless drawn by a representative of the department of agriculture, as provided in Chapter 182 of the Public Laws.

N. H. EXPERIMENT STATION SEED INSPECTION, 1941

Name and Address of Dealer	Sample No.	Kind of Seed	Date Tested*	Purity		Germination	
				Found	Guaran- teed	Found	Guaran- teed
Ayers & Jenkins Co., Rochester	12077	Alsike Clover, 2853	1941	S		S	74
	12076	Red Clover, Medium		S		S	88
	12078	Redtop, Fancy, 3324		S		S	90
	12079	Timothy, Liberty, 5658	1941	S		S	90
R. J. Barbin & Co., Berlin	12236	Alsike Clover, 8806	1941	S		S	71
	12235	Hungarian Millet, 8375	1940	S		S	91
	12234	Japanese Millet, JA 41	1941	S		74.5	85
	12233	Red Clover, 8619	1940	S		S	85
	12237	Redtop, Fancy, 8325	1941	S		S	92
	12238	Timothy, Pine Tree, 66928	1941	S		S	90
	12239	Timothy, 8169	1941	S		S	90
	12249	Timothy, Arco, 10-301	1941	S		S	90
	12242	Millet, Hungarian, 5770	1940	S		S	85
J. P. Boucher & Son, Groveton	12245	Millet, Japanese, 5737	1940	S		S	88
	12244	Redtop, Ace, Fancy, 041513	1940	S		S	93
	12161	Timothy, Pan American, 756	1940	S		S	90
W. B. Brown, Ashland	12083	Alsike Clover, Ace, 21378	1939	A		S	80
	12084	Red Clover, Ace, Medium, 84451	1940	S		S	88
	12085	Redtop, Fancy, 41720	1940	S		S	91
	12115	Alsike Clover, Imperator, 1594	1940	S		S	80
Central Garage & Supply Co., Tilton	12113	Oats, Victory	1941	S		S	95
	12114	Red Clover, Imperator, 5925	1941	S		S	85
	12112	Timothy, Imperator, 781	1941	A		S	85
	12111	Timothy, Arco, 10-295	1941	S		S	90
Chase Grain Mill, Plymouth	12160	Alsike Clover, Liberty, 2853	1941	S		S	74
	12166	Millet, Hungarian, 5838	1941	97.24		S	87
	12165	Millet, Japanese, 5447	1941	S		S	90
	12164	Red Clover, Liberty, Medium, 3037	1941	S		S	84
	12163	Redtop, Fancy, 2262	1941	93.24		S	90
	12162	Timothy, Liberty, 5684	1941	S		S	90

SEED INSPECTION, 1941—Continued

Name and Address of Dealer	Sample No.	Kind of Seed	Date Tested*	Purity		Germination	
				Found	Guaran- teed	Found	Guaran- teed
Checkerboard Feed Store, Concord Checkerboard Feed Store, Exeter	12109	Red Clover, Medium, 2430	1939	S	99.32	S	84
	12108	Redtop, 41588	1939	S	92.10	S	90
	12039	Millet, Hungarian, 9089	1940	S	98.85	S	80
	12053	Oats, No. 1, Victory, 44-46 XX ..	1941	S	98.80	S	95
	12038	Red Clover, Pan American, Medium, 3941	1940	S	99.52	S	92
Checkerboard Feed Store, Lebanon	12050	Timothy, Pine Tree, 66900	1941	S	99.65	S	92
	12250	Oats, No. 4, Victory, 44-46	1941	S	98.84	S	91
	12080	Peas, Canada Field, 085384	1941	S	99.50	S	93
Checkerboard Feed Store, Manchester	12158	Redtop, Fancy, 4317	1940	S	92.31	S	90
Checkerboard Feed Store, Manchester Meridith Milford Checkerboard Feed Store, Nashua	12090	Redtop, Fancy, Pine Tree, 41836	1941	S	95.50	S	91
	12091	Soybeans, Manchou, 84423	1941	S	99.50	S	85
	12008	Alfalfa, Fancy Grade, Grimm, B 2121	1941	S	99.50	A	60
	12021	Alsike Clover, Pan American, 1577	1940	S	99.10	S	78
	12005	Oats, No. 2, Victory, 44-46 XX ..	1941	S	99.20	S	95
Cheshire County Farmers Exch., Inc. Keene	12018	Red Clover	1940	S	99.50	S	86
	12023	Redtop, Fancy	1941	A	92.30	S	90
	12019	Sudan Grass, 9712	1939	S	98.18	S	90
	12017	Timothy, 1728	1940	A	99.50	S	90
	12303	Alsike Clover, 21781	1941	A	93.50	S	81
Cheshire County Grain Company, Keene	12305	Red Clover, N 1688	1941	S	96.20	S	93
	12306	Redtop, O41559, XX	1941	S	86.00	S	90
	12304	Timothy, Special, 6630	1941	S	97.85	S	88
	12314	Millet, Hungarian, 38-148	1940	S	98.00	S	80
F. W. Clark, Wilton	12309	Red Clover, Pan American, Domestic, 5882	1939	S	99.41	S	82
	12310	Timothy, Pan American, 774	1941	S	99.75	53	90
	12097	Millet, Japanese, 81193	1938	S	97.60	71	82
	12089	Red Clover, Medium, 24144	1939	S	98.52	S	83
Edgar T. Clement, Lisbon	12088	Timothy, Pine Tree, 66482	1939	S	99.65	S	90
	12254	Oats, 40 lb., Sunshine Seed Oats	1941	S	98.00	S	95
	12252	Redtop, Fancy, XX, 41897	1941	A	87.10	S	91
	12253	Timothy, Arco, 10-305	1941	S	99.60	S	90

Colebrook Feed Company,	12268	Alfalfa, Grimm, Arco, 28-287	1941	S	99.26	S	74
Colebrook	12261	Alsike Clover, Pine Tree, 21-5133	1941	S	98.61	A	76
	12263	Alsike Clover, Pan American, 1602	1941	S	98.38	S	80
	12264	Alsike Clover, 4618	1941	S	98.16	S	82
	12266	Millet, Hungarian, 9163	1940	S	98.42	S	87
	12265	Red Clover, Pan American, 5965	1941	S	99.14	S	83
	12267	Redtop, 8180	1941	92.59	95.00	S	90
	12262	Timothy, Pan American, 792	1941	S	99.70	S	94
G. G. Cummings,	12126	Millet, Hungarian, 8355	1939	S	98.74	S	85
Bristol	12127	Millet, Japanese, 08155	1939	97.15	98.00	81.5	90
	12125	Red Clover, Ace, Medium, 24664	1941	S	98.44	S	92
	12128	Timothy, Pine Tree, 66944	1941	S	99.60	S	92
G. B. Currier Company,	12184	Alsike Clover, 25-229	1940	S	98.82	S	86
Colebrook	12168	Red Clover, Medium, 15-805	1940	S	99.06	S	88
	12185	Redtop, 30-105	1941	S	95.00	S	90
	12178	Soybeans, Wilson, 21762	1940	S	98.00	S	90
G. B. Currier Company,	12182	Alsike Clover, 25-275	1941	S	98.00	A	78
North Stratford	12179	Barley, No. 3, Fancy Trebi, 6-rowed	1941	S	96.00	S	92
	12181	Barley, Smooth Awn, 35-282	1941	S	98.50	S	88
	12180	Millet, Japanese, 38-200	1941	94.66	97.24	S	77
	12183	Oats, Mammoth Cluster, 162	1941	S	99.75	S	95
	12167	Red Clover, Anchor, Medium, 15-344	1941	S	99.60	S	85
Delaware Feed Store,	12284	Millet, Hungarian, J 6-2141	1940	A	98.42	S	85
Claremont							
Depot Store,	12173	Alsike Clover, Herald		S	96.10	S	80
Littleton	12171	Red Clover, Herald, Medium	1941	S	98.08	S	84
	12172	Redtop, X, 137	1941	S	98.45	S	92
	12174	Redtop, 4358	1941	S	95.60	S	94
	12170	Timothy, Herald, 780	1941	S	99.00	A	80
Dover Grain Company,	11974	Alsike Clover, Liberty, 5348	1941	S	98.50	81.5	90
Dover	11975	Millet, Hungarian, 5838	1941	S	98.40	S	87
	11881	Millet, Hungarian, 7182	1941	S	99.08	S	85
	11876	Millet, Japanese, 1428-A	1941	S	98.14	78.5	85
	11972	Red Clover, Liberty, Medium, 3047	1941	S	99.80	S	92
	11971	Redtop, Fancy, 2263	1941	S	94.20	S	92
	11968	Timothy, Liberty, 5401	1941	S	99.70	S	77
	11982	Timothy, Liberty, 5795	1941	S	99.80	S	90
S. A. Dow & Son,	12003	Oats, Wirthmore Brand, Victory No. 2	1941	S	96.50	S	95
North Hampton	12011	Red Clover, Pan American, Medium, 5883	1939	S	99.45	S	92

* As stated on tag accompanying seed.

A = Above. S = Satisfactory.

SEED INSPECTION, 1941—Continued

Name and Address of Dealer	Sample No.	Kind of Seed	Date Tested*	Purity		Germination	
				Found	Guaran- teed	Found	Guaran- teed
W. E. Dunbar & Sons, .. Manchester	12020	Redtop, Pan American, 4313	1939	A	92.13	S	90
	12016	Timothy, Pan American, 783	1941	S	99.70	S	91
	11953	Alsike Clover		S	98.00	S	90
Eastern States Farmers' Exch., .. Concord	11938	Alfalfa, Hardy Common, 789	1940	S	99.40	S	67
	11959	Alfalfa, Grimm, 803	1940	S	99.50	S	60
	11950	Hayland Mixture No. 3, Eastern States, 818	1940	S	99.35	S	82
Eastern States Farmers' Exch., .. Dover	12036	Alfalfa, Variegated, 805	1940	S	99.50	S	57
	12037	Bluegrass, Kentucky, 2381	1940	S	90.00	76	90
	12033	Millet, Hungarian, 832	1940	S	98.80	S	84
	12035	Ladino Clover, 801	1940	S	99.50	S	55
	12031	Meadow Pasture Mixture C, 822	1940	S	97.41	S	83
	12032	Meadow Pasture Mixture A, 820	1940	S	96.20	S	83
	12044	Meadow Pasture Mixture B, 821	1940	S	97.45	S	84
	12034	Orchard Grass, 751	1940	S	90.00	S	90
	11909	Alsike Clover, Eastern States, 800 Hayland Mixture No. 4, Eastern States, 819	1940	S	99.00	S	75
	11901	Hayland Mixture No. 2, Eastern States, 817	1940	S	99.38	S	76
Eastern States Farmers' Exch., .. Manchester	11902	Hayland Mixture No. 1, Eastern States, 816	1940	S	98.91	S	86
	11903	States, 816	1940	S	99.28	S	85
	11900	Millet, Japanese, Eastern States, 846	1940	S	99.00	S	85
	11913	Oats, Selected, 3291	1940	S	98.00	S	92
	11914	Oats, Upright, 1801	1940	S	99.20	S	95
	11908	Rape, Dwarf Essex, 795	1940	S	99.25	S	92
	11910	Red Clover, Medium, Eastern States, 788	1940	S	99.40	S	85
	11907	Redtop, Fancy Solid	1940	S	97.00	S	92
	11912	Soybeans, Dunfield, 813	1940	S	99.25	61.5	85
	11911	Timothy, Eastern States, 786	1940	S	99.55	S	90
Eastern States Farmers' Exch., .. Woodsville	11899	White Clover, White Dutch, Eastern States, 814	1940	S	99.00	S	87
	12260	Timothy, Eastern States, 835	1940	S	99.55	S	90
	12110	Timothy, 10-229	1940	S	99.60	S	92
Farmers Feed & Supply Company, Franklin							

SEED INSPECTION, 1941—Continued

Name and Address of Dealer	Sample No.	Kind of Seed	Date Tested*	Purity		Germination	
				Found	Guaran- teed	Found	Guaran- teed
Goodnow Brothers Company, East Jaffrey	12285	Millet, Japanese, 38-189	1941	S		71.5	87
C. J. Goss, Lakeport	12120	Redtop, Ace, 041557				S	91
	12121	Soybeans, Black Wilson, 5751 ...	1941	S		S	92
	12119	Timothy, Liberty, 5796	1941	S		S	90
						S	
Grafton County Feed Company, .. North Haverhill	12193	Barley, Pennant Brand, 6-row, 5-141	1941	S		S	95
	12194	Oats, Domestic, 027-141	1941	S		S	94
	12191	Red Clover, Medium, 15-849	1941	S		S	80
	12192	Soybeans	1941	S		S	94
						S	
						S	
James B. Griffin, Newmarket	12211	Millet, Hungarian, 84	1940	S		S	80
	12217	Millet, Japanese, 53	1940	96.72	98.27	81	95
	12213	Red Clover, Pan American, Medium, 5950				S	80
	12214	Redtop, Pan American, 4340	1940	97.90	99.25	S	80
	12216	Sweet Clover, White Bloom	1940	S	94.10	S	91
	12212	Timothy, Pan American, 772		S	99.50	S	75
	12215	Timothy, 61	1940	97.67	99.60	S	90
Holbrook Grocery Company, Keene				S	99.50	S	87
	12279	Alsike Clover, 21818	1941	S	98.50	S	80
	12280	Alsike Clover, Extra Fancy, White Mountain, 21815	1941	S	99.40	S	80
	12275	Chewings Fescue, 78106	1941	S	98.00	S	90
	12278	Millet, Hungarian, 8380	1941	S	98.84	S	81
	12281	Ladino Clover, 19-110	1940	S	99.50	80.5	90
	12276	Redtop, White Mountain, 41939 ..	1941	S	92.50	S	93
	12277	Timothy, Special, 66995	1941	A	97.75	S	85
	12206	Alsike Clover, Extra Fancy, White Mountain, 21782	1941	S	96.05	A	71
	12205	Barley, Wisconsin 38 type, U.B. 3	1941	S	99.75	S	98
Holbrook Grocery Company, Woodsville	12197	Bluegrass, Kentucky, 032955	1941	S	81.90	S	80
	12502	Millet, Hungarian, 8365	1940	S	98.06	S	86
	12507	Millet, Hungarian, 83-816	1939	S	99.62	S	85
	12500	Millet, Japanese, 81-23	1940	S	98.91	S	89
	12501	Red Clover, Medium, Extra Fancy, White Mountain	1939	A	98.00	S	91
	12204	Red Clover, Monadnock, Medium Red, 10122	1940	S	99.36	S	87
	12503	Redtop, Fancy, XX, 41897	1941	A	87.10	S	91
	12208	Rye, Spring, 18 D 345	1941	S	98.34	S	86
	12196	Timothy, Pine Tree, 66975	1941	S	99.70	S	90
				S		S	

E. O. & W. L. Hopkins, Inc., Greenfield	12198 12199 12289 12290 12291 12288 12287 12107	Timothy, Monadnock, 66983 Timothy, White Mountain, 66981 Alsike Clover, Pine Tree, 21-548 Millet, Hungarian, 83-9 Millet, Japanese, 81-19 Redtop, Pine Tree, 41-539 Timothy, Pine Tree, 66-56 Redtop, Pine Tree, 41879	1941 1941 1941 1941 1941 1941 1939	S S S S A S S S	99.60 99.70 97.80 97.54 98.30 96.60 99.60	S S S S S S 73	90 90 86 83 85 91 93
C. D. Jefferson, Rochester	12107	Redtop, Pine Tree, 41879		S	95.00	S	90
J. Jones & Son, Alton	12062 12064 12027 12063	Alsike Clover, Pan American, 1969 Redtop, Fancy, 41537 Timothy Timothy, Bison, 69875	1937 1938 1938 1937	97.08 94.10 S S	98.30 96.40 99.60 98.10	56 S 79 65	80 92 90 90
Kashulines Grain Company, Nashua	12010 12009	Alfalfa, Grimm, 5812 Timothy, Arco, 10-243	1941 1940	S S	99.80 99.60	S S	79 90
E. J. Keegan & Company, Franklin	12144 12143 12146 12145	Millet, Hungarian, 9089 Millet, Japanese, 9156 Redtop, Pan American, 4345 Timothy, Pan American, 623	1939 1941 1941 1938	S S S S	98.85 97.10 94.30 99.65	76 52.5 S 84.5	87 85 92 93
John P. Kimball, Exeter	12052 12065 12048	Alsike Clover, 28410 Redtop, 98539 Timothy, 98259	1940 1940 1941	S S S	98.50 98.20 99.58	58 S S	89 92 90
J. H. Kiniry, Claremont	12299 12298 12297	Red Clover, Special, 24285 Redtop, 41908 Timothy, 6630	1939 1941 1941	A S S	86.18 87 97.85	S S S	85 90 88
Lisbon Grain & Coal Co., Lisbon	12248 12246 12255	Millet, Hungarian, 5838 Millet, Japanese, 1428 A Timothy, Liberty, 5684	1941 1941 1941	S A S	98.40 98.14 99.80	S S S	87 88 90
H. P. Maxfield, Pittsfield	12055 12056 12030 12057 12054 12058 12059 12060	Alsike Clover, Pan American, 1583 Millet, Hungarian, 83-58 Redtop, Pan American, 4334 Redtop, Pan American, 4296 Timothy, Pan American, 756 Timothy, B-900 Timothy, Liberty, 5661 Timothy, Pan American, 782	1941 1936 1940 1938 1940 1936 1935 1941	S S 93.48 S S S S S	98.64 99.08 95.02 95.86 99.61 99.60 99.65 99.70	S 33.5 S S 74.5 3.0 11.0 S	82 85 90 90 90 92 92 91
Meredith Grain Company, Meredith	12136 12123 12122	Alsike Clover, Pan American, 1596 Millet, Japanese, 9159 Red Clover, Medium, 5901	1941 1941 1941	S 87.24 S	98.18 97.10 99.25	S A A	80 85 79

A = Above. S = Satisfactory. * As stated on tag accompanying seed.

SEED INSPECTION, 1941—Continued

Name and Address of Dealer	Sample No.	Kind of Seed	Date Tested*	Purity		Germination	
				Found	Guaran- teed	Found	Guaran- teed
Merrimack Farmers' Exch., Inc., Concord	12157	Red Clover, Pan American, Medium, 5952	1941	✓	99.27	✓	80
	12159	Redtop, Pan American, 4365	1941	✓	96.60	✓	91
	12124	Timothy, Pan American, 786	1941	✓	99.60	✓	90
	11946	Alfalfa, Grimm, Pine Tree, 27506	1941	✓	99.56	✓	78
	11943	Alsike Clover, Pine Tree, 21-512	1940	✓	98.85	63.5	92
	11942	Millet, Hungarian, 8375	1940	✓	98.38	✓	81
	11951	Millet, Japanese, Wisconsin, 08167	1940	✓	99.60	✓	92
	11945	Lawn Seed, Merrimack		✓	98.00	81.5	95
	11949	Rape, Winter, 20341	1940	✓	99.00	✓	90
	11958	Red Clover, Montana, Medium, 24-5105	1940	✓	99.00	✓	72
	11963	Red Clover, 24-5146	1940	✓	99.50	✓	75
	11939	Redtop, Ace, 41832	1940	✓	92.90	✓	90
Merrimack Farmers' Exch., Inc., Epsom	11966	Redtop, Pine Tree, 41-58	1941	✓	95.30	✓	93
	11967	Redtop, Ace, Fancy, 41900	1941	✓	92.60	✓	91
	11944	Ryegrass, Perennial, 038196	1941	✓	99.68	✓	97
	11941	Soybeans, Manchou type, 084452	1940	✓	99.40	✓	88
	11964	Soybeans, Manchou type, 84425	1941	✓	99.50	✓	90
	11965	Sudan Grass, 98233	1941	✓	98.25	✓	85
	11960	Timothy, Pine Tree, 66993	1941	✓	99.65	✓	90
	11961	Timothy, Pine Tree, 66-54	1940	✓	99.70	✓	90
	11962	Timothy, Pine Tree, 66984	1941	✓	99.65	✓	91
	11947	Vetch, Winter, 99203	1941	✓	99.29	✓	84
	12069	Alsike Clover, 4464	1941	✓	99.10	✓	83
	12068	Red Clover, Medium, 9756	1941	✓	99.25	✓	86
Merrimack Farmers' Exch., Inc., Exeter	12046	Bluegrass, Kentucky, 032960	1941	✓	86.50	✓	81
	12051	Oats, Victory		✓	95.00	✓	95
	12139	Millet, Japanese, 08178	1941	✓	98.18	✓	82
	12141	Red Clover, Pine Tree, Medium, 24752	1941	✓	99.50	✓	86
	12142	Rye, Spring, 22005	1941	✓	96.20	✓	80
	12140	Wheat, Spring, Marquis, 07598	1940	✓	98.87	✓	85
	12102	Peas, Canada Field, 085343	1940	✓	99.50	✓	90
	12070	Soybeans, Wilson type, 84422	1940	✓	98.78	✓	74
	12082	Vetch, Winter, 99198	1940	✓	99.50	✓	80
	12071	Wheat, Winter, 75-35	1940	✓	99.50	✓	92
	12081	Wheat, Spring, Marquis type, 75192	1939	✓	99.00	✓	90
	12094	Alsike Clover, Pine Tree, 21812	1941	✓	98.60	✓	82
Merrimack Farmers' Exch., Inc., Milford	12092	Soybeans, Wilson, 20727	1940	✓	98.00	75	90
	12093	Red Top, Ace, Fancy, 41925	1941	✓	93.50	✓	91

Merrimack Farmers' Exch., Inc., Peterborough	12286	Buckwheat, Japanese, 86146	1941	S	99.64	S	96
Merrimack Farmers' Exch., Inc., Pittsfield	12067	Barley, No. 1, Fancy	1941	S	98.00	S	92
	12066	Timothy, 5519	1941	S	99.60	S	90
J. J. Moreau & Son,	11948	Alsike Clover, Pan American, 1583	1940	S	98.64	S	80
Manchester	11957	Barley, Wisconsin No. 38, 8348 ..	1941	S	99.48	S	95
	11934	Cleavings Fescue, 2604	1939	S	98.21	40	83
	11935	Millet, Hungarian, 9158	1941	S	97.36	S	80
	11935	Millet, Hungarian, 9129	1940	S	99.46	66.5	85
	11936	Millet, Japanese, 81205	1940	S	99.35	S	88
	11937	Millet, Japanese, 9156	1941	S	97.10	S	85
	11952	Oats, Swedish Type, 8350	1941	S	99.40	S	90
	11954	Red Clover, Pan American, Medium, 5944	1941	S	99.28	S	85
	11932	Redtop, Pan American, 4343	1941	S	94.30	S	92
	11955	Timothy, Pan American, 782	1941	S	99.70	S	91
	11956	Wheat, Spring, Marquis type, 8340	1940	S	99.00	74	96
Nelson Warner Company,	12293	Millet, Japanese, JC 41	1941	S	95.72	85	94
Charlestown	12292	Oats, Victory, Alberta, 4266	1941	S	96.50	S	95
	12295	Red Clover, Medium, Liberty, 3331	1941	A	99.00	S	85
	12294	Redtop, Fancy, 3324	1941	S	92.20	S	90
	12296	Timothy, Liberty, 5649	1941	S	99.70	S	90
Newport Grain Company,	12301	Barley, Wisconsin 38, 6-row, 5860	1941	S	99.00	A	90
Newport	12302	Millet, Hungarian, 51	1941	S	99.62	S	88
	12300	Redtop, 90-1	1941	A	91.00	S	85
Pittsfield Feed & Grain Co.,	12042	Alsike Clover, 25-299	1940	S	98.82	S	86
Pittsfield	12040	Millet, Hungarian, 38-148	1940	S	98.00	S	80
	12043	Millet, Japanese, 38-157	1940	A	97.50	S	88
	12041	Red Clover, Medium, 15-299	1940	S	99.04	S	80
	12061	Timothy, Pan American, 774	1941	S	99.75	77.5	90
W. N. Potter Grain Stores, Inc., Winchester	12282	Millet, Japanese, 1425-A	1941	S	98.60	S	92
	12283	Timothy, Liberty, 5754	1941	S	99.70	S	90
A. M. Rand,	12148	Millet, Japanese	1941	S	98.00	82.5	90
Plymouth	12147	Red Clover, Choice, 24538	1941	S	98.70	79.5	95
	12150	Redtop, 41322	1941	S	90.90	S	90
	12149	Timothy, 7427	1941	S	99.65	S	90
Rand, Ball & King,	12311	Millet, Japanese, 2419	1940	S	99.76	S	91
Claremont	12313	Red Clover, Medium, 3068	1941	S	99.50	S	87
	12312	Timothy, Liberty, 5644	1940	S	99.80	S	90
Rochester Grain Company,	12024	Alsike Clover, Liberty, 2883	1941	S	98.45	S	71
Rochester	12007	Barley, Wisconsin 38, 6-row, 5-860	1941	A	99.00	A	90
	12013	Millet, Hungarian, 5318	1940	S	99.18	S	88

A = Above. S = Satisfactory. * As stated on tag accompanying seed.

SEED INSPECTION, 1941—Continued

Name and Address of Dealer	Sample No.	Kind of Seed	Date Tested*	Purity		Germination	
				Found	Guaran- teed	Found	Guaran- teed
Rollins Grain Company, New Durham	12012	Red Clover, Liberty, Medium, 2533	1940	99.02	99.80	S	78
	12025	Red Top, Fancy, 2204	1940	S	93.84	S	90
	12104	Alsike Clover, Pine Tree, 21753	1941	S	98.10	S	80
	12105	Millet, Hungarian, 5770	1940	S	99.00	S	85
	12106	Oats, Delaware Seed, 136	1941	S	99.00	S	95
H. C. Sanborn, Laconia	12103	Timothy, 8519	1941	S	99.65	80.5	90
	12130	Red Clover, Ace, Medium	1940	S	98.34	S	88
	12129	Redtop, Pine Tree, Fancy, 41720	1940	S	95.10	S	91
	12131	Timothy, Pine Tree	1940	S	99.65	S	90
	11973	Alsike Clover, Liberty, 7285	1939	S	97.50	S	86
J. Herbert Seavey, Dover	11979	Millet, Hungarian, 2606	1940	S	98.02	S	90
	11980	Millet, Japanese, 5447	1940	S	98.00	S	90
	11984	Oats, Victory, C-5912	1940	S	99.75	S	96
	11978	Rape, 4461	1940	S	99.51	S	95
	11970	Red Clover, Liberty, Medium, 2491	1940	S	99.04	A	78
S. A. Schurman & Son, Portsmouth	11969	Timothy, Liberty, 5401	1940	S	99.70	S	90
	11998	Barley, Alpha, 35-275	1941	S	98.05	S	90
	11999	Bluegrass, Kentucky, 34-74	1941	S	85.43	S	80
	11994	Millet, Hungarian, 38-163	1941	A	98.00	S	88
	12001	Millet, Japanese, 37-167	1941	S	98.53	S	88
Frank Smith Company, Lancaster	12000	Ladino Clover, 100-301	1941	94.69	97.36	S	75
	12002	Peas, Canada Field, 40-66	1941	S	98.50	S	90
	11997	Red Clover, Anchor, Medium, 15-341	1941	S	99.30	S	82
	11991	Redtop, 30-105	1941	A	95.00	S	90
	11996	Ryegrass, Common, 39-57	1941	A	99.20	S	90
F. B. Spaulding Co., Lancaster	11993	Soybeans, Manchut, 42-139	1941	S	99.50	68	90
	11995	Timothy, Arco, 10-291	1941	S	99.70	S	90
	12243	Alsike Clover, Pan American, 1577	1940	S	99.10	S	78
	12240	Red Clover, Pine Tree, 24-172	1938	S	98.30	72	84
	12241	Redtop, Pine Tree, Fancy, 41580	1938	S	95.80	S	92
F. B. Spaulding Co., Lancaster	12269	Timothy, Pine Tree, 66-5114	1941	S	99.70	76	94
	12231	Alsike Clover, Ace, 21 x 41	1941	S	96.10	75.5	90
	12229	Barley, Alpha, 35-277	1941	S	98.00	S	85
	12233	Millet, Hungarian, 38-163	1941	A	98.00	S	88
	12232	Millet, Japanese, 38-197	1941	S	98.20	S	87
12230	Timothy, Arco, 10-307	1941	S	99.60	S	90	

F. B. Spaulding Co.,	12224	Millet, Hungarian, 83-7	1941	S	98.14	S	85
F. B. Whitefield	12226	Millet, Japanese, 81-9	1941	S	98.20	S	78
	12225	Oats, A-138, O. & W.	1941	S	99.00	S	95
	12227	Red Clover, Ace, 24x425	1941	S	98.56	S	89
	12228	Timothy, Arco, 10-308	1941	S	99.60	S	90
C. P. Stevens Company,	12151	Millet, Japanese, 81-15	1940	97.77	99.76	86.5	95
Franklin	12156	Rape, Dwarf Essex, 95-17	1941	S	99.90	S	94
	12153	Redtop, Ace, 41-461	1941	90.61	92.86	S	90
	12154	Timothy, 66-540	1940	S	98.40	59	83
	12155	Timothy, 66-563	1941	S	99.64	S	94
	12152	White Clover, 26-318	1941	S	98.45	S	75
C. P. Stevens Company,	12116	Millet, Japanese	1941	97.99	...	S	79
	12117	Oats, Upright, 73-15	1940	S	99.50	S	97
	12118	Red Clover, Medium	1941	99.02	...	S	77.5
The Stymest Company,	12258	Redtop, Fancy, 3324	1941	S	92.20	S	90
Bath	12259	Timothy, Liberty, 5653	1941	S	99.60	S	90
Sunshine Feed Store,	12100	Alsike Clover, Arco, 25-74	1939	S	97.65	68	80
Manchester	12087	Oats, Anchor, 36-142	1941	S	98.00	S	92
	12099	Red Clover, Medium, 15-305	1940	S	99.25	S	86
	12098	Redtop, 30-105	1941	S	95.00	S	90
	12086	Soybeans, Black Wilson, 42-159	1941	98.42	99.20	S	86
	12101	Timothy, Arco, 10-308	1941	S	99.60	S	90
Sunshine Feed Store,	12190	Alsike Clover, 25-271	1941	S	98.00	S	85
West Lebanon	12189	Barley, Wisconsin 38, 35-284	1941	S	98.50	S	90
	12221	Buckwheat, Silverhull, 68-86	1941	S	99.00	S	90
	12118	Oats, Victory, 36-144	1941	S	98.10	S	92
	12187	Red Clover, Mammoth	1940	S	99.00	S	80
	12188	Redtop, 30-918	1941	91.62	95.65	S	93
	12219	Rye, Spring, 85-118	1941	S	97.50	S	88
	12186	Sudan Grass, 70-65	1940	A	97.57	S	93
	12195	Sudan Grass, 70-81	1941	S	98.64	S	85
	12222	Sweet Clover, 29-103	1941	A	96.84	S	79
	12226	Timothy, Arco, 10-299	1941	S	99.60	S	90
F. B. Swain,	12137	Alsike Clover, Pine Tree, 21482 ..	1933	A	94.45	S	85
Winnisquam	12138	Timothy, Pine Tree, 66674	1939	S	99.65	S	93
Thompson & Hoague Company, ..	11940	Timothy, Pine Tree	1940	S	99.80	S	90
Concord							
A. J. Turcotte,	12209	Alsike Clover, Pine Tree, 21758 ..	1941	S	98.55	S	80
Newmarket	12210	Millet, Hungarian, 8378	1941	A	98.35	S	84
John B. Varick Company,	11923	Alfalfa, Grimm, Pine Tree, 27431	1941	S	99.70	S	74
Manchester	11924	Alfalfa, Pine Tree, 27401	1940	S	99.18	S	72
	11922	Alsike Clover, Pine Tree, 21758 ..	1941	S	98.55	S	80

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SEED INSPECTION, 1941—Continued

Name and Address of Dealer	Sample No.	Kind of Seed	Date Tested*	Purity		Germination	
				Found	Guaranteed	Found	Guaranteed
	11930	Barley, Wisconsin No. 38, 6-row, 071787	1941	S	99.80	S	96
	11916	Bent Grass, Astoria, 034575	1941	96.08	98.16	S	91
	11925	Bluegrass, Kentucky, 032056	1941	S	87.50	S	80
	11913	Millet, Hungarian, 8378	1941	S	98.35	S	84
	11921	Millet, Japanese, Iowa, 08176	1941	S	98.66	S	85
	11931	Oats, Heavy N-W Seed, 073121	1941	S	98.25	S	93
	11928	Peas, Canada Field, 85519	1941	S	99.50	S	93
	11920	Red Clover, Ace, Medium, 24664	1941	S	98.44	S	90
	11918	Redtop, Ace, Fancy, 41878	1941	S	92.00	S	91
	11919	Redtop, Illinois, Pine Tree, Fancy, 41879	1941	S	95.00	S	92
	11926	Rye, Spring, 07498	1941	S	99.24	S	94
	11927	Ryegrass, Domestic, 038180	1940	S	99.32	S	94
	11929	Soybeans, Black, 84424	1941	S	98.16	S	80
	11917	Sudan Grass, 098313	1941	S	98.38	S	85
	11904	Timothy, Pine Tree, 66845	1940	S	98.65	S	92
	11905	Timothy, Pine Tree, 66944	1941	S	99.60	S	92
	11906	Timothy, Pine Tree, 66946	1941	S	99.70	S	90
	12257	Millet, Hungarian, 9163	1941	97.45	98.42	S	87
	12247	Red Clover, Medium, 10127	1941	S	99.20	S	86
	12256	Timothy, Pan American, 791	1941	S	99.85	S	91
	12049	Alsike Clover, 21534	1939	98.55	...	S	81
	12047	Redtop, 68 206	1940	S	96.65	S	92
Woodsville Grain Company, Woodsville							
W. A. Young, Exeter							





